

ABSTRACT OF THE DISCLOSURE

The present invention provides a micro-resonator in which it is possible to lower synthesized impedance and it is possible to apply it to devices to be desired. Also, the present invention provides a communication apparatus provided with a filter composed of such a micro-resonator.

A micro-resonator according to the present invention is constituted by connecting a plurality of micro-resonator devices including a beam structure in parallel electrically. A communication apparatus of the present invention uses a filter composed of the above-described micro-resonator as its filter.